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MAY 21, 1890.



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Farmer

AND

NEW FARM.

OUR 27TH YEAR.

When every family own their home, the prosperity of the Country is assured.

WALWORTH & CO.,
BALTIMORE, MD.

Costiveness

Becomes chronic, if the proper mode of treatment is not adopted. All harsh and drastic purgatives only tend to weaken the bowels and render cure next to impossible. The safest and most effective aperient is Ayer's Pills, the use of which restores the regular action of the bowels and strengthens the whole digestive canal.

"Having been subject, for years, to constipation, without being able to find much relief, I at last tried Ayer's Pills, and I deem it both a duty and a pleasure to testify that I have derived great benefit from their use. For over two years past I have taken one of these pills every night before retiring. I would not be without them."—G. W. Bowman, 26 East Main st., Carlisle, Pa.

"I have found in Ayer's Pills, an invaluable remedy for constipation, biliousness, and kindred disorders, peculiar to miasmatic localities. Taken in small and frequent doses, these Pills act well on the liver, aiding it in throwing off malarial poisons, and restoring the natural powers. I could not dispense with the use of Ayer's Pills."—C. F. Alston, Quitman, Texas.

"For ten years I was troubled with constipation, and, until I began to take Ayer's Pills, could find no reliable remedy. A few boxes of Ayer's Pills have entirely cured this chronic ailment."—J. G. Peckham, Osawatimie, Kansas.

"I find no remedy for constipation equal to Ayer's Pills, and I should not consider my medicine chest complete without them."—Capt. J. H. Blake, Steamer Raphael, New York city.

To cleanse and tone the stomach, use

"For years I have been subject to constipation and nervous headaches, caused by derangement of the liver. After taking various remedies, I have become convinced that Ayer's Pills are the best. They invariably restore the liver to healthy action in a very short time; and I am sure my system retains its tone longer after the use of these Pills, than with the use of any other medicine I have ever tried."—H. S. Sledge, Weimar, Texas.

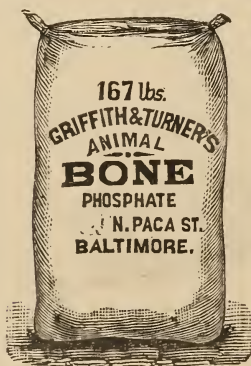
"When I feel the need of a cathartic, I take Ayer's Pills, and find them to be more effective than any other purgative medicine."—Mrs. B. C. Grubb, Burwellville, Va.

"I can recommend Ayer's Pills above all others, having long proved their value as a cathartic for myself and family."—J. T. Hess, Leithsville, Pa.

"For eight years I was afflicted with constipation, which at last became so bad that the doctors could do no more for me. Then I began to take Ayer's Pills, and soon the bowels recovered their natural and regular action, so that now I am in excellent health. To all who suffer from costiveness, I can confidently recommend Ayer's Pills."—William H. DeLaucett, Dorset, Ont.

Ayer's Pills,

Prepared by DR. J. C. AYER & CO., Lowell, Mass. Sold by all Druggists and Dealers in Medicines.



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AND NEW FARM.

Vol. XXVII.

BALTIMORE, May 21, 1890.

No. 21.

POULTRY
 and
POULTRY KEEPING,
 by

H. R. WALWORTH,
 Editor of The Maryland Farmer.

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CHAPTER X.
FEEDING THE FLOCKS.

Let us first take into consideration the general principles upon which this should be done, and settle them in our minds.

The first meal for poultry should be

Our attention has been called to the fact that these articles have "copyright" attached to them. It is to secure them for publication in book form as soon as completed. We do not object to any of our exchanges copying them or any part of them who will give us the customary credit.—Ed.

given as soon as it is light. No one who wishes to lie lazily in bed for "a little more sleep, a little more slumber," should be allowed to feed the poultry.

The next feed should be at noon, or at some hour decided upon as most convenient in the middle of the day—it should be a lunch only.

The third feed should be before dusk, when the flock are almost ready to retire to their roosts.

They should be as regular as the season will allow. Of course earlier in the morning and later in the evening as the days are longer; but only governed by the rising and setting of the sun.

The midday meal should be scanty and composed partly of the crumbs or scraps from the table.

The morning and evening meals should be full; but poultry should not be crammed even then. The only time for the stuffing of poultry is after it is dead and when being prepared for roasting.

On many accounts it is better to feed not a full meal than to feed too much; for the poultry will make up what is lacking by diligent work, and all to their own benefit.

We have tried various methods of feeding through a long series of experiments and feel well satisfied with the following standard method:

1. In warm weather feed in the following proportion, if the flock is confined or running at large; but of course more when confined: One part cornmeal, two parts ground oats, four parts wheat bran, mixed with scalding water and fed dry, or crumbly. It must not be sour.

In cold weather the same as above; but mashed potatoes, or other vegetables, added liberally and the mess fed warm.—Warm, not hot; warm. No matter how cold the weather may be, it is never well to feed the poultry anything scalding hot.

2. At noon in warm weather, feed but little. If the poultry is running at large the few scraps from the table properly cut up may be given them. They will do very well, if merely called together and these scraps scattered in their midst. If shut up some additional food should be given and wheat and oats are the best—Wheat screenings are better than the full-grained cleaned wheat.

In the winter particular pains should be taken to make this mid-day lunch valuable. It should consist of scraps as before, but should have in it one part cracked corn, one part oats and two parts wheat screenings, and should be scattered in the litter in the yard, or shed, or house, as the season may demand.

3. The evening feed should generally be of whole grain both summer and winter. In summer it should be one part corn and five parts any other grain you may provide, bearing in mind that wheat is the best; although others are excellent.

In winter half the ration of the evening may be corn, for during the winter nights they need its warmth.

These are the general points to be observed for the best results; but there are many details which promote success. For example:

Water should be given fresh twice a day at least in summer; early in the morning and at the midday meal. In winter it is better to give it with the chill off—not hot, hardly warm—with the chill off, about four times a day—oftener perhaps, but not less than four times.

The midday meal we have found to be best at about 1½ P. M. But much depends upon regularity, system, in this matter.

We have put down here the essentials and now we will briefly mention a few things which we have always added to these essentials as circumstances might give us the opportunity to do so.

In winter we have supplemented their regular rations with whatever green thing we might be able to get without too much expense attending it. The city market has frequently given a load of outside cabbage leaves, for the hauling of them. Clover hay cut fine and mixed in the morning mess has sometimes been given. The sweepings of the barn floor where clover hay has been stored, consisting mostly of clover heads and leaves, have been scattered liberally within their reach and appreciated by them.

They have had parched corn thoroughly browned; but don't give this hot.

They have had charcoal broken into bits the size of a grain of corn. They have had onions, and carrots, and turnips, and beets both raw and cooked, and baked beans seasoned as you would use them yourself.

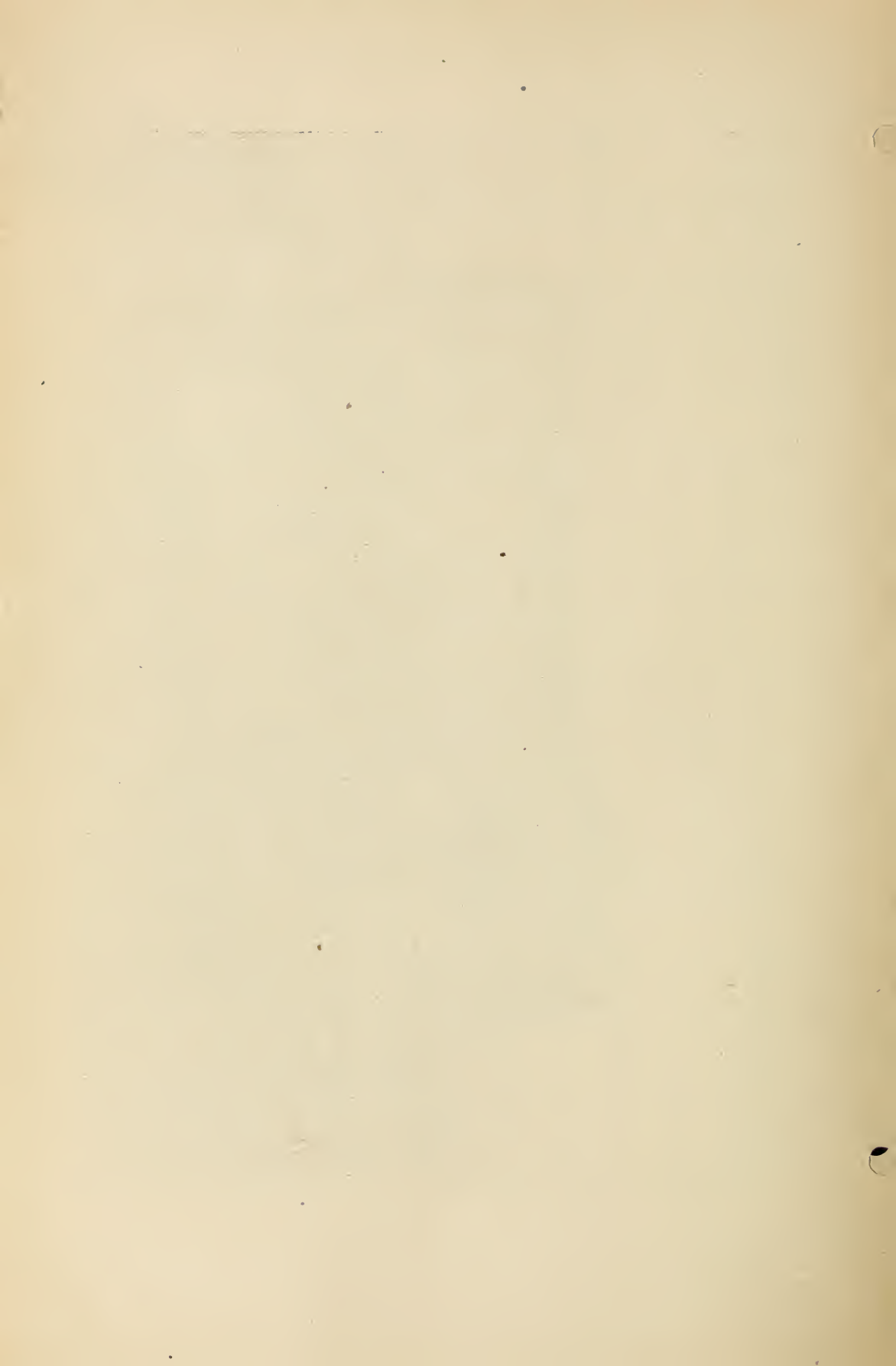
They have had meat, liver, lights, fish, both cooked and raw, in small quantities



SHORT HORN.

The "Merland Farmer" Gallery of Stock.

1850



and large—a little of which was found useful.

They have been given occasionally black pepper and cayenne pepper in their morning mess.

They have had rusty nails in their water as an iron tonic, and milk both sweet and sour has been occasionally supplied them a week or more at a time.

Buckwheat has been given them and sunflowerseeds, and as a trial all the different grains separately and together.

Have supplied broken glass and crockery; but do not wish to supply them again.

All these things and almost every other thing which has been recommended has been tried thoroughly. And what is the result? As follows:

Give your poultry good, clean food gravel, fresh water, and keep them cool in summer and warm in winter.

Most of the above things are good for poultry and when handy may be fed sparingly to their advantage; but they are not of enough value to warrant any extra expense or trouble to procure them.

Hens to lay well and to give fertile eggs must not be overfed, nor allowed to become fat and lazy. Feeding properly only requires the exercise of a little common sense and a portion of good judgment.

For the Maryland Farmer.

THOUGHTS FOR FARMERS.

The New York World in its issue May 14, publishes an article headed as follows:

“War on the Farmer.

Protected mills sell cheaper to Foreigners than to Americans.

All they ask for is protection in robbing their own countrymen.”

We do not intend to quote the article which follows this heading; but, certainly,

if facts would justify any such caption, they are given in abundance. Mr. J. Alexander Lindquist, of Cornell University, was appointed to discover and collate the facts. They are taken from papers and circulars of the manufacturers, and range after this manner:

Wholesale price to farmers in the U. S. of Cultivators \$11., \$8., \$7.20. Retail prices to Foreigners \$8.40, \$6.75, and \$4.50 respectively. Compare them.

This is only given as a specimen. The list of articles, tools, farming machinery runs through 40 columns of the foreign papers and comprises a vast amount of business, which supports two manufacturing journals wholly for foreign distribution.

We farmers are paying the taxes that pour wealth into manufacturing firms, who sell their goods at retail in foreign countries, from 10 to 25 per cent below the wholesale prices to home buyers!!

No wonder farmers here are suffering. No wonder that farms are abandoned. No wonder that mortgages are accumulating by the hundreds of millions on farms.

And still we are fools enough to work ourselves to death, to stint our families, to see our children go without clothes, without education, without any of the pleasant things of life, that we may pay these manufacturers a bounty, which enables them to rival the kings and princes of the old world in luxury and show.

At the same time, the farmers are strong enough to change all this by the peaceful force of the ballot. The work, too, must not be much longer delayed or peace will give way to some less pleasant method of revolution.

Daisy Garden Plow	} are now at our office.
Daisy Cultivator	
Daisy Seed Sower	

We give them as premiums for subscribers.

Entered as second class matter at Baltimore, Md.

THE
MARYLAND FARMER
 AND
 NEW FARM.

Agriculture, Live Stock and Home Life.

Oldest Agricultural Journal in Maryland and
 for ten years the only one.

27 E. PRATT STREET.

BALTIMORE, MD.

WALWORTH & Co., Editors and Publishers.

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\$1.00 an inch, 12 lines nonpareil, each insertion.

Discounts, 10 off for 3 mos., 15 for 6, 20 for 9, 25 for 12

Advertisements to be inserted once a month

are subject to the same discount.

Covers, p. 2 add 30, 3 add 25, 4 add 50.

Special location, on any page, 20 per cent extra.

No reading notices free.

Reading notices twice the price of advertisements.

ISSUED EVERY WEEK.

UNDERSTAND US.

It should be understood by every farmer who reads this magazine, that we do not believe it is the duty of farmers to pay taxes on every thing they buy, to enable the government to pay \$150,000,000 annually to able-bodied beggars—many, if not all, of these beggars living better than the farmers who are forced to pay the taxes. We shall never be reconciled to this, and we shall rejoice when the farmers arise in their true strength and cast off the burden. This is one of the great causes of the farmer's present trouble.

CENSUS RETURNS.

A special request is sent out by the Supt. of the Census that all manufac-

turers shall prepare themselves to answer as correctly as possible the questions in reference to their statistics. A pledge is given of strict secrecy as to all individual returns. Only the general aggregates going to the public, or to anyone outside of the census bureau.

We are in receipt of the following circular, which we are pleased to place in our columns. We are glad to have aroused so general a feeling in this matter:

THE BALTIMORE COUNTY FAIR

Circular of the W. C. T. U.

Of Baltimore County.

The Board of Managers of the Baltimore County Agricultural Society having adopted a report recommending that the Secretary be instructed to contract for liquor privilege, pool-selling and wheels of fortune for the Fair to be held in September, and also that all offers calculated to produce income be entertained, we, the members of the Woman's Christian Temperance Union of Baltimore County, consider it our duty to heartily condemn such action of the Board. We urge not only the members of our organization, but all men and women who value the moral welfare of our county, to discountenance these vices, by refusing to sustain the Fair, either by their presence or contributions. If the Fair depends for its existence upon income from such sources far better that it should "pass into history." Let the Baltimore County Fair become a thing of the past rather than let our citizens be disgraced, the efforts of all Christian people openly defied and our young men led into temptation and to ruin.

By order of the Executive Committee
 of Woman's Christian
 Temperance Union of Baltimore County.

FRUITS FOR MARKET.

The most profitable method of marketing fruits of every description is, to assort them so that they will have a uniform appearance as to size and quality. This is particularly observable in the case of small fruits. If a box of berries is culled out, so that they are about one size, the impression is always good when the purchaser empties the box. But if when emptied it is found that a few large ones appear on the top and the larger portion of the box are small, green and soft, the effect is far more unfavorable than if no large ones were there to show the contrast. The purchaser feels that he has been cheated and the seller is looked upon with suspicion.

FARMER'S JOURNAL.

We observe that the Farmers Club Journal, of Hornellsville, N. Y., has dropped the "club" out of its title. All right brother; but in these times farmers have to use the club a little sometimes, although the ballot is always the best instrument with which to torture the enemies of our prosperity.

CORN.

Those who have been able to plant their corn early this year, have been greatly favored with the absence of any frost which could injure it, and we would suggest that the trial for this season should be made of a uniform, light, surface cultivation. Let the roots never be touched. In no case allow the plow to go deep enough to cut the roots. Surface cultivate to destroy all weeds, and often enough to keep the soil loose, mellow, of the nature of mulch. It will preserve a moisture in

the undisturbed soil even though it be a dry season; it will enable the ammonia in the atmosphere to penetrate the soil; it will give all the benefit of the light and heat and still prevent rapid evaporation. The corn will flourish, we believe, with this treatment. At least it should be tried thoroughly on a portion of your crop; for by such trials much is often learned for future guidance.

CITIES AND FARMS.

The growth of cities in this country of ours is something amazing. Small villages, visited after a few years absence, have become populous cities, and the improvements have gone on so rapidly that the places are almost unknown to us.

The farms on the other hand are often of a very different aspect. What were beautiful houses surrounded by rich and flourishing acres have become shabby dwellings with almost worthless fields and barrenness personified marked on everything.

The management of our government is of course at the bottom of this condition of affairs. Centres of busy manufacturing life are built up in every conceivable quarter, while farms, neglected, become barren and are abandoned. The wrong is vital. It must be remedied, or we are destined for but a short continuance of prosperity and peace.

THANKS.

We thank the many friends who have so earnestly seconded our efforts to show the moral sentiment of Baltimore County farmers to be above that of the principles proposed for the Agricultural Fair at Timonium next September. We thank

them for the hundreds of names they have sent us, and for other and substantial evidences of their appreciation of our action.

We hope our distant readers will excuse the lack, if there be such, of the usual variety on stock and garden topics, from our correspondents "Nisbet" and "Chapman," whose monthly communications have been necessarily crowded out for the sake of the more immediate interests of vital morality in our vicinity.

Burlington, N. J.
May 20th, 1889.

Mr. S. H. Garrett,
Mansfield, Ohio.

Dear Sir:

The Fence Machine came to hand all right. I must say that I am much pleased with it, as it is all that you claim for it, and much more perfect than I expected. I would not part with my machine for many times its cost, if I could not get another.

Yours Respectfully,
Edmund Cook.

Pres. Agricultural and Industrial Society.

No Farmer Should Build Fence.

until he has written to S. H. Garrett, Mansfield, O., for Catalogue of Picket and Wire Fence Machine—best in the world—and wholesale prices of wire, etc.

A SHORT LESSON ON COINS AND COIN COLLECTORS.

What do coins teach?

History and art.

To what nation is attributed the honor of coined money?

Equally divided between the ancient Lydians and Persians.

What period was the earliest authentic coin?

About 800 B. C.

What is the most significant fact connected with coins?

The date.

About what time were coins dated?

Not generally dated till about A. D. 1500.

How were the early coins made?

By the use of the rude punch to drive the metal into the die or mould.

What was the process with the ancient Romans and Greeks?

The hammering process.

Who introduced milled money?

Queen Elizabeth.

What year was the first coinage of the United States?

A. D. 1787.

When was the first steam coinage of the United States?

Year 1836.

Who was an early collector of coins?

Petrarch.

Are there many collectors of coins?

More than 7,000 in the United States.

What coins are mostly sought after?

Coins of America.

Reliable Men Wanted.

D. H. Patty, a prominent nursery man in Geneva, N. Y., has written us inquiring where he can get a few reliable men to solicit orders. He wishes men to canvass and take orders for trees, shrubs and vines for fall delivery and promises steady employment to good salesmen. If any of our readers desire a good position, we would advise them to write to Mr. Patty for particulars. Address with reference.

D. H. PATTY, Nurseryman, Geneva, N. Y.

"I wish to say to the congregation," said the minister, "that the pulpit is not responsible for the error of the printer on the tickets for the concert in the Sunday-school room. The concert is for the benefit of the 'Arch Fund.' not the 'Arch Fiend.'"

Home Grown Versus Purchased Seeds.

The Pennsylvania experiment station in a report on tests made of the comparative value of home grown versus purchased seeds, arrives at some interesting conclusions. The ground in which the seeds grew was ordinary farm soil and the home grown seeds were selected from the choicest crops of the previous year. These were tested last season with seeds of the same varieties of vegetables from prominent seed houses. Results made it appear that: 1. The station seeds were, as a rule, heavier than the purchased seeds. 2. The weight was no indication of the germinative value of the seeds. 3. In the majority of cases the earlier marketable products were obtained from purchased seeds. 4. The greater yield, with but few exceptions, was obtained from purchased seeds. 5. Lettuce from purchased seed produced heads that did not "shoot up" to the flower as early as the plants from the station seed. 6. Radishes from purchased seeds were larger, more tender and more uniform than those from station seeds. 7. On the whole the results are strongly in favor of seeds from good soil, however rich that may be.

Some Common Pests.

J. A. Lintner, New York state entomologist, advises for the squash vine borer wetting the stem at a distance of two feet from the base of the plants with water containing Paris green at the rate of half a teaspoonful to a gallon. As a preventive of egg deposit, place in each hill four or five corn cobs dipped in coal tar, re-lipping them from time to time in July and August. For strawberry plants affected with insects a change of soil is recommended for the young plants, and the immediate plowing under of the old plants as soon as the fruit is off.

The attacks of the striped cucumber beetle are repelled by planting beans in each hill with the cucumber seed. Gas, lime or tobacco dust, applied with a bellows at least once a week, or better twice, is good for woolly aphis. For flea beetle mix thoroughly one teaspoonful Paris green with one quart of flour; this to be dusted on the plants while wet with dew.

English Rye Grass.

Professor Sanborn is the authority for the statement that English rye grass, which in great Britain is the backbone of the hay crop, has the distinction of

being the only grass methodically improved by selection. To the English farmer it is what timothy is to us. The professor, who has grown English rye grass for six years, says: "No grass springs up so quickly after sowing and grows so rapidly in the early spring. Where a lawn is to be quickly made this grass is sown for this purpose, other lawn grasses being sown with it. On our soil it yields well and comes well up to timothy for the first year, but it does not stand at all well when sown alone, with me lodging almost as flat as though rolled. It will not winter as well as the above named grasses."

Agricultural Briefs.

Popular Gardening is authority for the statement that no material has been found so satisfactory as earth for blanching celery.

Kerosene in the poultry house will keep down vermin.

Roll the lawn early and often.

Mr. Willard said before a meeting of the Western New York Horticultural society that after an experience of five or six years with the Early River's peach he believed it had a hardy fruit bud and would stand more cold than other varieties.

Waldo F. Brown, of Ohio, says: "Good hay is not produced by thin seeding, for the grasses will grow coarse and rank, whereas heavy seeding will give fine, soft hay."

Fowls that have a variety of food do not need artificial stimulants or pungent condiments to make them lay or keep them in health.

With Italian bees it is quite easy to discern an Italian queen. They stay on the comb much better than the common bees, and do not run like a drove of sheep every time the hive is opened.

Professor Lintner's remedy for bark lice is as follows: Slack stone lime as for whitewash, and to two-thirds of a bucketful add one pint of gas tar, one pound of whale oil soap dissolved in hot water, one pound of common soft soap, one pound of potash or one pint of strong lye; also clay or loam enough to make the wash of proper thickness to be applied with a brush.

The Snyder blackberry is early, hardy and productive.

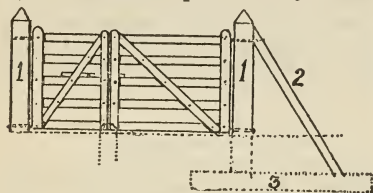
Tell your neighbor that we come to see you every week.

Tell him to send to us for sample copies.

A PRACTICAL FARM GATE.

A Pennsylvanian's Ideas on a Subject of General Interest.

The gate ought to be made of clear white pine or other light, strong wood, and should be in two parts and always planed and painted. Take five sixteen foot boards four inches wide, plane them and bevel the edges back one-fourth inch; lay the five boards down and in line, the distance apart that you want



A CONVENIENT GATE.

your gate in height. Now cut eight pieces the length you want your gate in height, planed and beveled same as the rails. Bolt the rails squarely between two of these pieces at each end. Now bolt two pieces on the rails five feet from the end, leave room enough for your saw and bolt on the remaining pieces. Next bolt on two braces and saw the frame in two, and you have two perfect gates, one eleven feet and one five feet long. However, it is better to hinge your gates before sawing them down, but if this be done then leave room enough to make two saw cuts and take out half an inch or your gates will bind for the eleven foot gate.

A solid post should be dug into the ground, not less than two and one-half feet deep, and firmly wedged with stone, but if wet or loose soil, then a sill should be dug in the ground the depth of the post hole and in line with the fence, into which fasten the post and put on a pull brace opposite the gate. A post extending six inches above the ground, with a shoulder on the top, should be used where the gates come together for them both to rest on at the same time. But if the gate is desired to swing both ways, which it should do for convenience, then hooks should be used to hold the gate in place; a slide latch, which is very convenient and, if used, should slide on the short gate, so as not to get knocked off or injure stock. The five foot gate is sufficiently large for the admission of stock and gives a fifteen foot passage when used for the wagon, and neither one is too heavy for the children to open or shut. The smaller gate should always

swing both ways, as a matter of safety to stock passing in or out.

This gate is not patented, but will supersede seven-tenths of the patented ones now upon the market, and if kept well painted or whitewashed, with its beveled edges and smooth surface, will last from fifty to sixty years, according to the Pennsylvania farmer who originally described it in *The New York World*. In the cut Fig. 1 represents posts; Fig. 2, brace; Fig. 3, sill; dotted lines indicate posts, braces, etc., under the surface of the ground. At Fig. 3 is represented a post set in low, wet ground, where there are no stones for fastening.

Enemies to Stone Fruits.

Professor Forbes, in an essay read before the Illinois Horticultural society made the following statements: The plum borer attacks the crotches, but the larva has also been found in the wood, two inches under ground. It is dusky brown in color, and, in this connection, is different from the peach borer, and may be thus distinguished. They spin small webs, in which they pass the winter, and emerge in the spring as moths. The species seem to be single brooded. A minute beetle, that preys under the bark, bids fair to become destructive to stone fruits. The female excavates extensive galleries under the bark. The young larvae move out to right and left, quickly destroying the trees by girdling, when numerous. The adult seems not to be largely migratory. Prompt destruction by burning infested trees seems, as yet, the only feasible means of destruction. In Europe, many parasites infest the pest, but in this country only one parasite has yet been observed to do so.

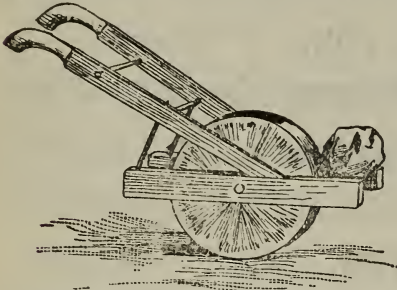
School advertisements in the Maryland Farmer will reach a very desirable class of patrons. Write now.



This Threshing-machine received the two last **Cold Medals** given by the New York State Agricultural Society; and has been selected, over all others, and illustrated and described in that great work, "*Amplon's Cyclo-pedia of Applied Mechanics*;" thus, establishing it as the standard machine of America. **Saw-preserving Rye-Threshers, Clover-hullers, Ensilage-cutters, Feed-mills, Fanning-mills, and Wood Saw-machines**; all of the best in market. The **Fearless Horse-powers** are the most economical and best powers built for the running of Ensilage cutters, Cotton gins, and general farm and plantation use. For free Catalogues, address
HINARD HARDER, Cobleskill, N. Y.

A Garden Roller.

The corresponding editor of Orchard and Garden uses a log roller for all drilled garden crops. This is five inches wide on the face and fifteen inches in diameter. When the soil is dry he places a stone on the frame (see cut) weighing from twenty to forty pounds. He goes over each row separately after the seed has been drilled in. A good sized boy

**A LOG ROLLER.**

can operate this roller. This after rolling insures quicker germination of the seed and a better stand.

Too much stress cannot be put upon firming the soil around seeds for prompt germination and quick growth of seedlings.

Here and There.

The international exhibition to be held in the Island of Jamaica will open in January, 1891. American exhibits will be admitted free. Additional information can be had by applying to Thomas Amor, 280 Broadway, New York.

The house committee on agriculture has authorized a favorable report on a bill appropriating \$250,000 for the erection in Washington of a fireproof laboratory for the scientific purposes of the department of agriculture.

Reports to the department of agriculture indicate great loss of live stock throughout the northern Rocky mountain belt and on the Pacific coast. Losses throughout the country through exposure alone are estimated at 1,000,000 cattle and an even larger number of sheep.

Onions fed once or twice a week in the winter and spring in small quantities to your fowls will promote their health and increase their egg production. Try it this time for once.

We keep no stock; but the purchasing agency secures inside prices on everything you need—try us.

STOCK THE FARM.

Address any of this list of Breeders and Dealers and you will find a prompt answer if you mention the Maryland Farmer. We believe every one of them to be reliable.
—Editor Md. Farmer.

Reid Brothers, English Shires, Clydesdales, Shetland Ponies. Janesville, Wis.

Geo. F. Davis & Co. Originators Victoria Swine, Stock for sale. Dyer, Ind.

E. H. Smith, Standard bred Horses, Fancy Pigs and Poultry. Salem, N. J.

J. C. & D. Pennington. Registered Jersey Cattle. Paterson, N. J.

W. E. Pendleton, Choice Yorkshire Swine. Agt. New London, Conn.

PUBLIC SALE OF IMPROVED LIVE STOCK.

TUESDAY MAY 27th, 1890.

The undersigned will sell by auction on the Copper Mine farm at Finksburg, Carroll Co., Md., one mile from Finksburg Station, W. M. R. R.

Sixteen head of Dairy Shorthorn Cattle, (cows, bulls, heifer and bull calves) all registered or entitled to be, in the American Herd Book and all bred from the best milking strains of New York and the Eastern States. The bulls used were from dams giving twenty quarts, and over, of milk daily.—Also, at same time, will be sold four head of grade cattle and several head of pure bred Chester White Swine. On all sums above \$10 a credit of six months will be given on note with approved security bearing interest from date of sale.

Sale to commence at 1 P. M.

DANIEL KING.

La Gitana Waltzes.

Price 60 cents.

A beautiful set of waltzes (10 pages) that only need to be played once to become a favorite. We will send one copy and our catalogue to you free for 10 cts.

DeZ. WALWORTH,

P. O. Box 496. Baltimore.

A Word About Pastures.

In large pastures animals are liable to graze off some places very closely and leave others to run to seed. It is a good plan to use movable fences and with these pasture small portions at a time. Another good plan is to keep a mixture of animals, so that one kind can follow another. Scatter the droppings of cattle or else there will spring up bunches of tall grass. To prevent patches from going to seed mow them, a small quantity at a time, and give the wilted grass to stock.

Shrinkage of Hay.

It is a common belief among farmers that hay loses much in weight during the months which follow the cutting and housing of the crop, and that hay drawn from the barn in winter should command a much higher price than the same hay drawn from the meadow as soon as cured. The experiments made at the Kansas experiment station lead to a different conclusion. Thirteen samples of several different kinds of hay were secured for this purpose, and placed in very thin muslin bags. They were weighed and then buried in a mow of hay. Most of them remained six months, and were weighed again in December, several precautions having been taken to prevent error. In most cases the loss by drying was trifling, not over 3 or 4 per cent. In two instances it was over 10 per cent. In one case there was a positive gain. There are two causes which would materially control the result—a wet or dry summer and the degree of drying in the field to which the hay is subjected. Some farmers draw in their hay obviously before it is quite dry. Those who sell and buy hay should understand this matter, and it would be easy for them to make careful trials. The degree of moisture which may be left in hay as it is drawn from the meadow should be better understood. There is no question that it is often subjected needlessly to drying.

A Kicking Cow.

An Oregon farmer gives a remedy for kicking cows which he claims to have used with great success for the past twelve years: Take a small rope or cord about the size of a clothes line; make a loop, in one end; hold the loop end in one hand, drop the other end over the cow's back; pick it up and pass it through the

Send us the Names and Post Office address of all your friends so we can send them sample copies.

GARDEN AND ORCHARD.

We call especial attention to this list of Nurserymen, Seedsmen, Florists, etc. They all issue good Catalogues and will cheerfully send you one free, if you write referring to the Maryland Farmer. We believe every one of them to be reliable.—*Editor Md. Farmer.*

D. H. Patty,

Nurseries. Geneva, N. Y.
Agents Wanted.

A. W. Livingston's Sons, Specialty, New Tomatoes. Columbus, O.

West Jersey Nursery Co. Choicest New & Standard Fruits. Bridgeton, N. J.

H. S. Anderson, Importer; visits Europe annually to inspect packing &c. Union Sp'gs, N. Y.

Wm. Parry, Nursery Stock; Small Fruits. Grapes, etc. Parry, N. J.

Z. DeForest Ely & Co. The Popular Seedsmen. Philadelphia, Pa.

P. J. Berckmans, Trees, plants, etc., adapted to the South. Augusta, Ga.

W. M. Peter's Sons, Peach Trees a Specialty. Wesley, Md.

E. B. Richardson & Co. Nurserymen. Salesmen wanted. Geneva, N. Y.

Seed Potatoes, Standard old, choice new varieties. A. F. Whitright, Nova, O.

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Of all Kinds

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Fixtures, Ornaments, &c., &c., For Sale.

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THE BEST
Practical Stump
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**BENNETT'S IMPROVED
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Sent anywhere in the U. S.
On Three Days Trial.
On runners. Worked by 2 men.
LIFTS 20 TO 50 TONS.
Five sizes. Price, \$35 to \$70.
Circulars free. Man'd by
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You can have them now for \$1.00 each.

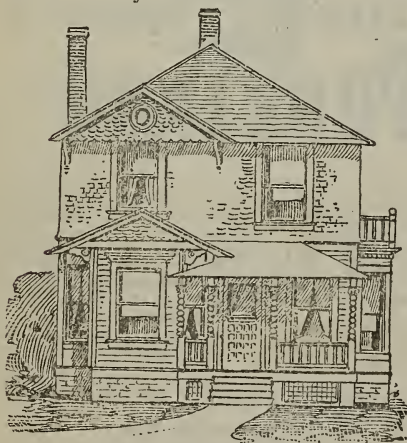
Maryland Farmer Office.

loop, then slip it back just behind the hips, bringing it underneath just forward of and close to the udder, adjusting it so that the loop is near the back bone. Now draw the rope through the loop tightly and fasten it, the more tightly the better if the animal is very vicious. On the first application she will jump and try to kick and perhaps bellow; but let her kick, she will soon get tired of doing so. Now you can sit down and milk without the least danger. You can hardly provoke her to kick. If she should still try to kick, tighten the rope and continue to do this till she gives up. Three applications in succession will cure the worst case. Treat her kindly and gently all the time without the least excitement.

HOUSES THAT ARE OUT OF STYLE.

There Is No Excuse for Making Bad Investments of This Kind.

There are few towns and cities in the country in which there are not a number of houses which are said to be "out of style." They are old style houses and will not bring the money that was put into them. It is not good business to build a house that will go out of style. It is not good business to put money where one cannot get it again. There are some things that do not go out of style. All such things are founded on common sense. The requirements of housekeeping do not change materially from year to year, and a house plan which meets all of the requirements of the housekeeper is rarely said to be out of style.

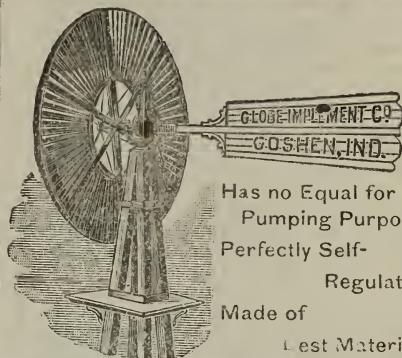


ELEVATION.

We often see large houses bring in very little rental when considered relatively to

Practical Carp Culture, 65cts. Send to Maryland Farmer.

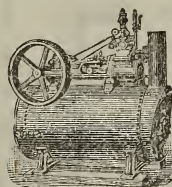
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Has no Equal for
Pumping Purposes.
Perfectly Self-
Regulating.
Made of
Best Materials.

**Towers, Tanks, Pumps
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OF EVERY DESCRIPTION.**

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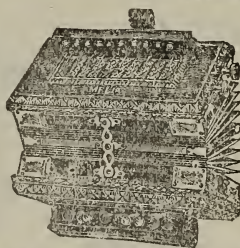
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With Self-Contained
RETURN FLUE BOILERS,
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Patent June 7, 87
SUBLIME HARMONIE



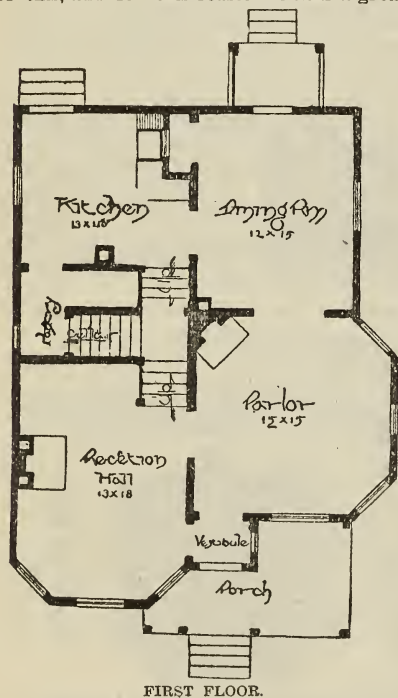
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Importers of and Wholesale Dealers in all kinds of
MUSICAL MERCHANDISE,
VIOLINS, GUITARS, BANJOS, MANDOLINES,
Accordeons, Harmonicas, &c.
All kinds of STRINGS, etc., etc.

their cost. On the other hand we see little boxes of houses which bring in relatively a high rental. The latter may have all of the modern conveniences—a furnace, hot and cold water, a bathroom with tub, water closet and washstand; a sink in the cellar in which to pour water from the tubs, a laundry stove, a cemented floor, plenty of light, that it may be used as a laundry; a well arranged kitchen and china closet; everything handy and convenient—no waste room, hence no waste steps or wasted carpets. This is the kind of a house that is always in good style.

There are many things to be considered by people who have not much money and are without a large experience in house building. Being a man of moderate means, if I wish to build a house it is proper for me to consider whether my house would have a rental value if I wish to put it on the market in that way. The net income from that property, if rented, should exceed by 1 or 2 per cent. the current rate of interest in the section of country in which the structure is erected. A great many foolish investments are made in dwelling house property because people do not think of this, and for this reason we hear a great



deal about the foolishness of going into debt for a home. It is a very smart thing to do if we pay for the property only what it is worth, and it is a very simple matter to determine what this is. We must take what would be the gross rental income of the property if it were to be rented, and then make due allowance for taxes, insurance and re-

Hand Book of Orange Culture. Bound in cloth \$1.00. Send to Maryland Farmer.

THE GREEN HOUSE,

East Pratt Street, Baltimore, Md.

J. & B. L. WAGNER,
PROPRIETORS.

This RESTAURANT is the oldest and most extensive in its accommodations of any in the city.

The BAR is filled with the finest of all kinds of LIQUORS. The TABLES are covered with the best substantial food the markets afford, besides, at the earliest moment they can be procured in the different seasons, every variety of delicacy that land and water furnish, in

Birds, Game, Fish, Fruits & Vegetables

Prices moderate. The crowds, which lunch and dine daily, attest public approbation of the superior management of the house.

It is a convenient place for travellers, who stop only a few hours or a day in the city, to get their meals. It is the popular resort of country gentlemen from the counties, particularly from Southern Maryland, being convenient to Railroads and Steamboats, and in the midst of the business portion of the city.

The proprietors will be grateful for the continuance of the extensive patronage they now enjoy, and will do their best to give entire satisfaction to all visitors.

Jan-1y

CASSARD'S
STAR BRAND
PURE LARD

NEW YORK, May 3, 1887.

The undersigned has examined samples of lard of the manufacture of G. Cassard & Son, (Baltimore, Md.) purchased at retail stores in this city (New York,) and hereby certifies that the lard so examined is entirely free from all adulterations whatever. The color is a clear white, and I find no other brand of lard that is equal to this in quality, on the market.

P. D. BEDFORD,

Professor of Pharmacy, College of Pharmacy of the City of New York.

Put up in all sizes and styles of package. Send for price list.

G. Cassard & Son,
Baltimore, Md.

Curers of the celebrated "Star Brand" Mild Cured Hams and Breakfast Bacon.

pairs, and if the net income is then slightly in excess of the current rate for money, we are justified in going in debt.

The people who are living in the house which is here illustrated are paying for it in a building association. The lot cost \$1,200, and the house, with everything that goes to make it complete excepting a furnace, cost \$1,800. The association from which they secured their money is on the perpetual plan, and is organized on a limited premium basis; that is, all premiums are limited to ten cents on each weekly payment of fifty cents on each \$200 share. Having secured \$1,800, they have to pay in fifty cents per week on nine shares of \$200 each. This is \$4.50 a week, or between \$18 and \$20 a month, as the minimum payment to be made. On this plan of payment of 6 per cent. interest there is twenty-four cents per share per week to be paid as interest on \$200, or one share.



SECOND FLOOR.

Then there is, in addition, a maximum premium of ten cents a share. This makes premium and interest thirty-four cents as the interest and premium charges each week. Thus there remain sixteen cents to apply on the principal. This will pay out a \$200 share in about fourteen years—a very long time, it may be said. This is the element of safety to the borrower. As a matter of fact, the people who own this house and are paying for it in a building association are putting in from \$30 to \$35 a month. Thus the excess over and above the \$18 or \$20 required is credited as advance payment on the dues and participates in the dividend of the association. This dividend, together with that which accrues on the sixteen cents payment per week a share, brings the actual interest charge to a little over 6 per cent., as the association is paying 5 per cent. semi-annual dividends, which they are enabled to do by the weekly compounding of interest.

LOUIS H. GIBSON.

Scholarship in Eaton & Burnett Business College at a low price—Address Maryland Farmer.

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I Dare Thee to Forget.

Words and Music. Price 35 cents. Send 10c for one copy. DeZ. Walworth, Box 496, Baltimore, Md.



1838. 1890.
POMONA NURSERIES.
WONDERFUL PEACH.
Lawson, Kieffer, LeConte and Idaho. Japan and NATIVE Plums, Apples, Cherries, Peaches and Nut Bearing Trees, Strawberries, Raspberries, Blackberries and Grapes in large supply. All the worthy old and promising new fruits.
Catalogue free. WM. PARRY, Parry, N. J.

Imported Cleveland Bay Stallion.

POST CAPTAIN.

PEDIGREE.

Sire, Sportsman 299; g. sire, Brilliant 42; g. g. sire, Yattoo Lad 314; g. g. g. sire, Wonderful Lad 69; g. g. g. g. sire, Cleveland 60; g. g. g. g. g. sire, Champion 50; g. g. g. g. g. g. sire, Summercock 304; g. g. g. g. g. g. g. sire, Sky Rocket 280. Dam's sire, Barnaby 18; g. sire, King George 161; g. g. sire, Victory 157; g. g. g. sire, Volunteer 338; g. g. g. g. sire, Victory 438; g. g. g. g. g. sire, Barley Harvest 447. (The above pedigree is from the Cleveland Bay Stud Book of England.)

DESCRIPTION.

Post Captain is a beautiful golden bay in color, 16½ hands high, weighs 1350 lbs and is just 5 years old. He is a high stepper, with beautiful action, and promises great speed shows already without training less than a 4 minute gait. The progress of this famous breed are all bays in color, well matched, and is the gentleman's carriage horse in England—No trouble to get matches which command high prices. He has only to be seen to be admired—His symmetry is magnificent, and is a sure foal getter. Terms \$25.00 the season, with the privilege to return mares during fall season should they not prove in foal. Mares from a distance to be paid for when taken away—will care for mares at a cost of \$2.00 a week, shipment of course at expense of owners of mares, write to

E. C. LECC & BRO.,
Kent Island, Md.

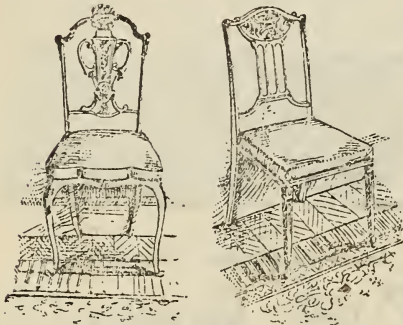
It Wasn't of Any Consequence.

Customer (returning)—Didn't I give you a five dollar gold piece just now for a five cent piece?

Merchant (positively)—No, sir!

Customer (turning to go)—It isn't of any particular consequence. I had a counterfeit five dollar gold piece that I carried simply as a curiosity. I must have lost it some—

Merchant (hastily)—Wait a moment; I'll look again.—*Harville (N.Y.) Register.*

Drawing Room Chairs.**DRAWING ROOM CHAIRS.**

It is particularly hard to find anything new in the way of chairs. The two accompanying designs are not at all startling in the departure from commonplace lines, but they are graceful and show some originality. That on the left of the column partakes somewhat of the French style. The center panel affords ample opportunity for lovers of marquetry work to follow their fancy.

The other chair is straighter and somewhat more substantial, but at the same time is graceful and makes a pleasing article of furniture in drawing or reception room.

Extremely So.

"I, aw, weally don't see why people awsk conundrums," said Gus de Jay. "It's weally tiahsome to be wacking youah bwains to answer a question and discovah that the felah who askud it knew all about it all the time, you know."—*Washington Post.*

Probably.

Mrs. Carson—I don't see why Mrs. Sorrow wouldn't feel just as bad without buying and putting on that costly mourning.

Mrs. Wisdom—Probably she would feel worse!—*West Shore.*

The longest reach of railway without a curve is that of the New Argentine Pacific railway, from Buenos Ayres to the foot of the Andes; for 211 miles it is without a single curve, and has no cutting or embankment deeper than two feet or three feet.

Ropp's Calculator—Grain Tables, Lumber Tables, and all kinds of calculations. A book you need. 50 cents.

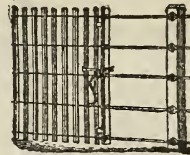
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A Magnificent Collection of FLOWER SEEDS 200 Varieties, FREE!



An Unparalleled Offer by an Old-Established and Reliable Publishing House! *The Ladies' World* is a mammoth 16-page, 62-column illustrated paper for ladies and the family circle. It is devoted to stories, poems, ladies' fancy work, artistic needlework, home decoration, housekeeping, fashions, hygiene, juvenile reading, etiquette, etc. To introduce this charming ladies' paper into 100,000 homes where it is not already taken, we now make the following colossal offer: Upon receipt of only 12 Cents in silver or stamps, we will send each subscriber we will also send *Free and post paid*, a large and magnificent Collection of Choice Flower Seeds, two hundred varieties, including Pansies, Verbenas, Chrysanthemums, Asters, Phlox Drummondii, Balsam, Cypress Vine, Digitalis, Double Zinnia, Pinks, etc., etc. Remember, twelve cents pays for the paper three months and this entire magnificent collection of Choice Flower Seeds, put up by a first-class Seed House and warranted fresh and reliable. No lady can afford to miss this wonderful opportunity. We guarantee every subscriber many times the value of money sent, and will refund your money and make you a present of both seeds and paper if you are not entirely satisfied. Ours is an old-established and reliable publishing house, endorsed by all leading newspapers. Do not confound this offer with the catapenny schemes of unscrupulous persons. Write to-day—don't put it off! Six subscriptions and six Seed Collections sent for 60 cents.

SPECIAL OFFER! To any lady answering this advertisement and naming the paper in which she saw it, we will send *free*, in addition to all the above, one package of the celebrated Ornamental Chilian Follage Root Seeds, one of the most beautiful foliage plants known, the leaves sometimes growing 3 feet long by 1 foot wide, in variegated colors. It is perfectly hardy, continuing an object of beauty long after Coleus and Canna have succumbed to frost. Address: **S. H. MOORE & CO., 27 Park Place, New York.**

The Garrett Picket & Wire Fence Machine

Weaves to the posts. Best in the world. Thousands in use. Guaranteed. Freight paid. Agents all reporting big sales. Machines, Wire, etc., at wholesale direct to Farmers where I have no agent. Catalogue free. Address the manufacturer.

S. H. GARRETT, MANSFIELD, OHIO.



WHAT IS GOING ON FOR MANY MILES AROUND IS ALL UNCOVERED TO THE EYE. EYE MORE SCOPE.

One of the BEST Telescopes in the world. Our facilities are unequalled, and to introduce our superior goods we will send *FREE* to ONE PERSON in each locality, as above. Only those who write to us at once can make sure of the chance. All you have to do in return is to show our goods to those who call—your neighbors and those around you. The beginning of this advertisement shows the small end of the telescope. The following cut gives the appearance of it reduced to

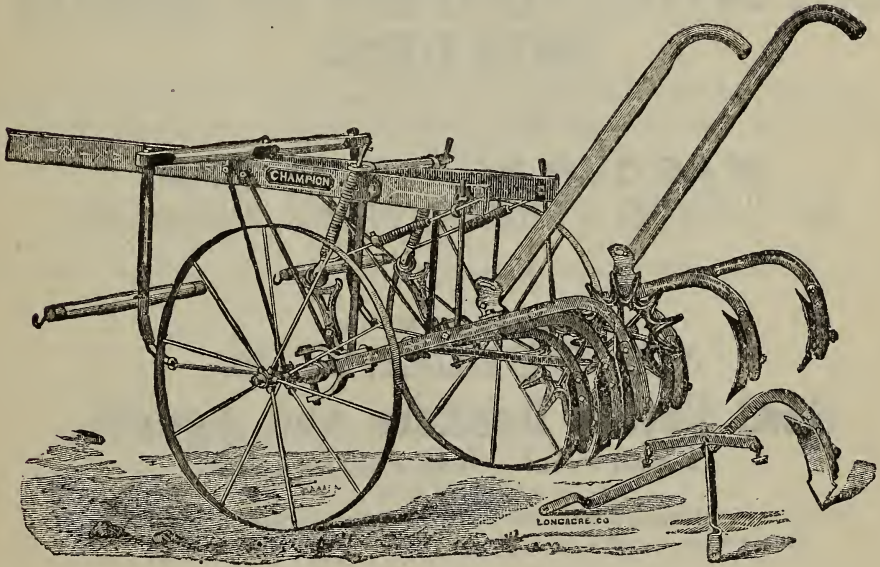
about the fiftieth part of its bulk. It is a grand, double size telescope, as large as is easy to carry. We will also show you how you can make from \$3 to \$10 a day at least, from the start, without experience. Better write at once. We pay all express charges. Address, **H. HALLETT & CO., Box 880, PORTLAND, MAINE.**

MUSIC TEACHERS, send your name and Post Office address to
Dez. Walworth, P. O. Box 196, Baltimore, Md.

Champion Steel Walking Cultivator.

**THE PRIDE OF THE EAST, THE KING OF THE WEST
AND MONARCH OF ALL.**

The Champion of the Corn Field.



We take great pleasure in presenting to the public THE CHAMPION six shovel Corn and Fallow Cultivator, with seventh or middle shovel.

Having been thoroughly tested we can recommend it as the best Walking Cultivator in every respect without a single exception, that has ever been placed on the market.

Automatic Spring Pressure and Hoisting Device.

We have the most perfect spring pressure and hoisting device for regulating the shovel beams or drag bars for deep or shallow cultivating ever invented.

With a seventh or middle shovel which is attached to the coupling bolts in front, it makes one of the most complete fallow cultivators for preparing the ground for seeding, and for seeding in small grain, that has ever been placed on the market.

**E. WHITMAN, SONS & CO.,
27 East Pratt Street,
BALTIMORE, MD.**



1832.

1890.

⌘ SCALES. ⌘

HAY, CATTLE, PLATFORM and COUNTER SCALES.

A reputation of more than fifty years, the guarantee of our work; and prices as low if not lower than a similar article can be purchased elsewhere. Call before purchasing

MARDEN SCALE WORKS,
Cor. S. CHARLES & BALDERSON STREETS, Baltimore, Md

Established over 20 Years.

J. F. PULLEN & Co..
Real Estate Brokers and Agents,
12 East Fayette, near Charles Street.

Old No. 75 West.

Property of all kinds Bought and Sold. Loans Negotiated at Lowest Rates.
Rent Collections made with Prompt Returns. Estates Settled &c..

NO HUMBUG!

NO HUMBUG!

NOAH WALKER & CO.

The Old and Long-tried House of 60 Years' Standing, offer an Immense Stock of

CLOTHING | Men's Youths | **CLOTHING**
and Children's

AT PRICES THAT MUST MAKE SALES.

We never were undersold. All classes suited. All tastes gratified. Prices adapted to all pockets. All should call before parting with their money elsewhere.

NOAH WALKER & CO.

119 AND 121 EAST BALTIMORE STREET.

NOW IS YOUR CHANCE

BINGHAM
BEE SMOKERS,

PRICE \$1.50

YOU CAN HAVE THEM NOW AT \$1.00 EACH

FREE OF POSTAGE.

MARYLAND FARMER,

BALTIMORE, MD.

MABLEY & CAREW

MARYLAND'S LEADING CLOTHIERS

Have now on hand the largest and best-selected stock of **Men's** and **Youth's** and **Children's Clothing** ever offered in this market; and at prices that are fully 25 per cent below prevailing prices.

A SPECIAL DRIVE

this week is an enormous quantity of fine tailor-made suits in sacks and cutaways, for business and for dress, for **Fifteen Dollars**; and for children—choice of an immensely beautiful line of the newest outfits for **five dollars**. The gentlemen's suits are worth all of \$20 to \$25, and the children's have been selling for \$6, \$7½ and \$8.

A COMPLETE LINE

of the most novel things
in furnishing goods at
the very lowest
prices.

Mabley & Carew

MARYLAND'S LEADING CLOTHIERS.